

**JOB DESCRIPTION**

The successful candidate will join the Application Services (Passenger Servicing System) department in SIA Information Technology Division.   
He/She will be assigned to assist various Customer Service agile squads, as required, to accelerate new product and feature development.

**Key Responsibilities Include:**  
- Initiate design and development of new applications.  
- Design and implement Continuous Integration / Continuous Delivery pipelines.  
- Design and develop new features for both new and existing applications.  
- Deliver and integrate Microservices with web and mobile applications.  
- Provide technical input to assist product owners to and refine user stories.  
- Create and maintain software documentation, including detailed technical design, low level design and test scripts.  
- Write automated unit, feature and regression test suites.  
- Ensure code upholds the best practices for security, data protection and reliability.  
- Any relevant ad-hoc duties.

**Requirements:**  
- Possess a degree in Information Technology or related fields.  
- At least 5 years of broad range of software development experience.  
- Strong Java experience for server side development such as Java, Spring/Spring Boot, Redis, Kafka (Java, Spring/Spring boot are preferred), including hands on experience developing and consuming Restful API’s and webservices.  
- End to End integration experience of Microservices / webservices with front end systems (websites, mobile etc.).  
- Good understanding of agile methodology and design thinking as well as source code control systems and CI/CD pipelines.  
- Ability to demonstrate excellence in communicating and presenting complex information to technical and non-technical stakeholders, both verbally and in written form.  
- Familiar with programming practices such as Test Driven Development.  
- Experience with SQL and relational and non-relational Databases (e.g. Oracle, MySQL, Cassandra).  
- Experience with programming languages such as XML, JSON, HTML, HTML5, CSS, JavaScript.

- Experience in deploying with cloud based services and deployments, such as AWS, Azure or Google Cloud.  
**The following will be highly regarded:**  
- Experience in designing, developing and deploying microservices - Experience in building highly available, performant and scalable clustered services using Docker, Kubernetes or Open Shift.  
- Experience in SOAP API, camel.  
- Experience in resolving problems.  
- Experience with web front end framework such as React, Vue or Angular.

- Experience with log monitoring such as ELK, Splunk, Cloudwatch,...  
- Good understanding of aviation business.  
- Provide application support which will include defining/reviewing business requirement for enhancements  
- A proven ability to adapt to new development languages and environments.